

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

JL1322  
NE  
> 1  
1.688 mi.  
8913 ft.

BP SERVICE STATION #25742  
2317 CONEY ISLAND AVENUE  
BROOKLYN, NY 11229

NY UST  
NY Spills

U001839104  
N/A

Site 1 of 3 in cluster JL

Relative:  
Higher

UST:

Actual:  
19 ft.

Name: BP SERVICE STATION #25742  
Address: 2317 CONEY ISLAND AVENUE  
City,State,Zip: BROOKLYN, NY 11229  
Id/Status: 2-337781 / Active  
Program Type: PBS  
Region: STATE  
DEC Region: 2  
Expiration Date: 09/19/2022  
UTM X: 587913.94218  
UTM Y: 4494912.10124  
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 16208  
Affiliation Type: Facility Owner  
Company Name: WICZYK FAMILY LLC  
Contact Type: RETAIL COMPLIANCE COORDINATOR  
Contact Name: JESSICA VISLOCKY  
Address1: 81 MAIN STREET - SUITE 205  
Address2: Not reported  
City: WHITE PLAINS  
State: NY  
Zip Code: 10601  
Country Code: 001  
Phone: (516) 642-7795  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DAFRANCI  
Date Last Modified: 2018-08-21

Site Id: 16208  
Affiliation Type: Mail Contact  
Company Name: BP PRODUCTS NORTH AMERICA  
Contact Type: Not reported  
Contact Name: JESSICA VISLOCKY  
Address1: P.O. BOX 6038  
Address2: Not reported  
City: ARTESIA  
State: CA  
Zip Code: 90702  
Country Code: 001  
Phone: (718) 781-2693  
EMail: JESSICA.VISLOCKY@BP.COM  
Fax Number: Not reported  
Modified By: DAFRANCI  
Date Last Modified: 2018-08-21

Site Id: 16208  
Affiliation Type: Facility Operator  
Company Name: BP SERVICE STATION #25742  
Contact Type: Not reported  
Contact Name: MOHAMMAD SAJJAD  
Address1: Not reported

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EDR ID Number  
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Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 001  
Phone: (917) 974-6060  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DAFRANCI  
Date Last Modified: 2018-08-21

Site Id: 16208  
Affiliation Type: Emergency Contact  
Company Name: WICZYK FAMILY LLC  
Contact Type: Not reported  
Contact Name: JESSICA VISLOCKY  
Address1: Not reported  
Address2: Not reported  
City: Not reported  
State: NN  
Zip Code: Not reported  
Country Code: 999  
Phone: (718) 781-2693  
EMail: Not reported  
Fax Number: Not reported  
Modified By: DAFRANCI  
Date Last Modified: 2018-08-21

Tank Info:

Tank Number: 001  
Tank ID: 28840  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 12/01/1975  
Date Tank Closed: 11/01/1991  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None

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J02 - Dispenser - Suction Dispenser

Tank Number: 002  
Tank ID: 28841  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 12/01/1975  
Date Tank Closed: 11/01/1991  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None  
A00 - Tank Internal Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser

Tank Number: 003  
Tank ID: 28842  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 12/01/1975  
Date Tank Closed: 11/01/1991  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: NN  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: TRANSLAT  
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None  
H00 - Tank Leak Detection - None  
I00 - Overfill - None  
B00 - Tank External Protection - None

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Database(s)

EDR ID Number  
EPA ID Number

C00 - Pipe Location - No Piping  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser

Tank Number: 004  
Tank ID: 28843  
Tank Status: Closed - Removed  
Material Name: Closed - Removed  
Capacity Gallons: 4000  
Install Date: 12/01/1975  
Date Tank Closed: 11/01/1991  
Registered: True  
Tank Location: Underground  
Tank Type: Steel/carbon steel  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: -  
Date Test: Not reported  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: LABATIST  
Last Modified: 03/01/2019

Equipment Records:

H00 - Tank Leak Detection - None  
I00 - Overfill - None  
A00 - Tank Internal Protection - None  
B00 - Tank External Protection - None  
C00 - Pipe Location - No Piping  
D02 - Pipe Type - Galvanized Steel  
F00 - Pipe External Protection - None  
G00 - Tank Secondary Containment - None  
J02 - Dispenser - Suction Dispenser

Tank Number: 005  
Tank ID: 42624  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 12/01/1991  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 34  
Date Test: 03/16/2018  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: LABATIST  
Last Modified: 03/01/2019

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EDR ID Number  
EPA ID Number

B04 - Tank External Protection - Fiberglass  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
I02 - Overfill - High Level Alarm  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I03 - Overfill - Automatic Shut-Off  
E04 - Piping Secondary Containment - Double walled UG  
J01 - Dispenser - Pressurized Dispenser  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
C02 - Pipe Location - Underground/On-ground  
F04 - Pipe External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 006  
Tank ID: 42625  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 12/01/1991  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 34  
Date Test: 03/16/2018  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: LABATIST  
Last Modified: 03/01/2019

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG  
J01 - Dispenser - Pressurized Dispenser  
  
B04 - Tank External Protection - Fiberglass  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
I02 - Overfill - High Level Alarm  
K01 - Spill Prevention - Catch Basin  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
A00 - Tank Internal Protection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I03 - Overfill - Automatic Shut-Off  
C02 - Pipe Location - Underground/On-ground  
F04 - Pipe External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number: 007  
Tank ID: 42626  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 12/01/1991  
Date Tank Closed: Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 34  
Date Test: 03/16/2018  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: LABATIST  
Last Modified: 03/01/2019

Equipment Records:

A00 - Tank Internal Protection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I03 - Overfill - Automatic Shut-Off  
B04 - Tank External Protection - Fiberglass  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
I02 - Overfill - High Level Alarm  
K01 - Spill Prevention - Catch Basin  
E04 - Piping Secondary Containment - Double walled UG  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
F04 - Pipe External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 008  
Tank ID: 42627  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 12/01/1991  
Date Tank Closed: Not reported

Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 34  
Date Test: 03/16/2018  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: LABATIST  
Last Modified: 03/01/2019

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG  
J01 - Dispenser - Pressurized Dispenser  
B04 - Tank External Protection - Fiberglass  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
I02 - Overfill - High Level Alarm  
K01 - Spill Prevention - Catch Basin  
A00 - Tank Internal Protection - None  
G04 - Tank Secondary Containment - Double-Walled (Underground)  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

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Database(s)

EDR ID Number  
EPA ID Number

I03 - Overfill - Automatic Shut-Off  
C02 - Pipe Location - Underground/On-ground  
F04 - Pipe External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number: 009  
Tank ID: 42628  
Tank Status: In Service  
Material Name: In Service  
Capacity Gallons: 4000  
Install Date: 12/01/1991  
Date Tank Closed: Not reported  
Registered: True  
Tank Location: Underground  
Tank Type: Equivalent technology  
Material Code: 0009  
Common Name of Substance: Gasoline

Tightness Test Method: 21  
Date Test: 03/12/2018  
Next Test Date: Not reported  
Pipe Model: Not reported  
Modified By: DAFRANCI  
Last Modified: 08/21/2018

Equipment Records:

A00 - Tank Internal Protection - None  
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring  
I03 - Overfill - Automatic Shut-Off  
B04 - Tank External Protection - Fiberglass  
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)  
I02 - Overfill - High Level Alarm  
K01 - Spill Prevention - Catch Basin  
  
E04 - Piping Secondary Containment - Double walled UG  
J01 - Dispenser - Pressurized Dispenser  
C02 - Pipe Location - Underground/On-ground  
F04 - Pipe External Protection - Fiberglass  
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring  
L07 - Piping Leak Detection - Pressurized Piping Leak Detector  
G04 - Tank Secondary Containment - Double-Walled (Underground)

SPILLS:

Name: BP GAS STATION  
Address: 2317 CONEY ISLAND AVE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 0402599 / 2004-06-10  
Facility ID: 0402599  
Facility Type: ER  
DER Facility ID: 241360  
Site ID: 298340  
DEC Region: 2  
Spill Cause: Unknown  
Spill Class: C4  
SWIS: 2401  
Spill Date: 2004-06-09  
Investigator: KMFOLEY  
Referred To: Not reported

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EPA ID Number

Reported to Dept: 2004-06-09  
CID: 444  
Water Affected: Not reported  
Spill Source: Gasoline Station or other PBS Facility  
Spill Notifier: Local Agency  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2004-06-09  
Spill Record Last Update: 2004-06-10  
Spiller Name: LEZENT ESKICAKIT  
Spiller Company: BP GAS STATION  
Spiller Address: 2317 CONEY ISLAND AVE  
Spiller Company: 001  
Contact Name: LEZENT ESKICAKIT  
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead\_DEC Field was K FOLEY 6/10/04 ATC performing investigation work for NYCDDC (part of an effort to identify contamination prior to doing construction work). Lavent Eskicakit is the project manager for ATC (212-353-8280 X330). Investigation and remediation to be completed under spill #0109323.(KMF)"  
Remarks: "REFERENCE AN EXSISTING SPILL NUMBER 0109323"

All Materials:

Site ID: 298340  
Operable Unit ID: 884270  
Operable Unit: 01  
Material ID: 490216  
Material Code: 9999  
Material Name: other -  
Case No.: Not reported  
Material FA: Other  
Quantity: .00  
Units: L  
Recovered: .00  
Oxygenate: Not reported

Name: BP AMOCO STATION #967  
Address: 2317 CONEY ISLAND AVENUE  
City,State,Zip: BROOKLYN, NY  
Spill Number/Closed Date: 0109323 / 2015-06-01  
Facility ID: 0109323  
Facility Type: ER  
DER Facility ID: 373012  
Site ID: 131553  
DEC Region: 2  
Spill Cause: Unknown  
Spill Class: B3  
SWIS: 4101  
Spill Date: 2001-12-18  
Investigator: rjfeng  
Referred To: APPROVE SODIUM PERSULFATE INJECTION  
Reported to Dept: 2001-12-20  
CID: 365  
Water Affected: Not reported  
Spill Source: Gasoline Station or other PBS Facility



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EDR ID Number  
EPA ID Number

Spill Notifier: Other  
Cleanup Ceased: Not reported  
Cleanup Meets Std: False  
Last Inspection: Not reported  
Recommended Penalty: False  
UST Trust: False  
Remediation Phase: 0  
Date Entered In Computer: 2001-12-20  
Spill Record Last Update: 2015-10-06  
Spiller Name: Not reported  
Spiller Company: AMOCO SERVICE STATION  
Spiller Address: 2317 CONEY ISLAND AV  
Spiller Company: 001  
Contact Name: Not reported  
DEC Memo: "11/24/03 Reassigned from Vought to Foley. 12/15/03 Received 2Q2003 monitoring report. BTEX and MTBE concentrations are decreasing in all wells. Total BTEX ranged from ND (MW-6, MW-7) to 2506ppb (MW-4) on 5/13/03. MTBE concentrations ranged from 1.3ppb(MW-1) to 165ppb(MW-4) on 5/13/03. 4/2/04 Received SHAR addendum for installation of MW-6 and MW-7 on 4/24/03. DTW 15'bgs. End of both wells at 20'bgs. PID showed no readings. No VOCs detected in soil samples (13-14' in MW-6, 15-16' in MW-7). 4/20/04 Received SHAR addendum for the installation of two additional 2 diameter off-site monitoring wells (MW-8 and MW-9) on 4/15/04. Completed to 22.5'bgs. DTW approx 15.8'bgs. Soil from MW-9(12-16'bgs) did not contain VOCs. Soil from MW-8(15-16') was non detect but MW-8(18-19'bgs )contained 380,260ppb total VOCs, 90,190ppb total BTEX, less than 59ppb MTBE. 7/6/04 Received 3Q03, 1Q04 and 2Q04 monitoring reports. Need additional well downgradient of MW-4. 7/20/04 Spoke to C. Tomasello, American Site Restoration, represents adjacent Sahara restaurant. His client is thinking about demolishing restaurant and constructing an apartment building. Will be looking at file on Friday, 7/23 thru FOIL. 8/17/04 4Q03 monitoring report received. BTEX from ND(MW-1, MW-6) to 5,392ppb (MW-8). MTBE from 0.67 (MW-6) to 177ppb (MW-1). Total VOCs from 0.67 (MW-6) to 10,273 (MW-8). 1/11/05 Received SHAR from Delta for installation of MW-10 and MW-11 on 7/26/04. Borings were drilled to 24'bgs. Soil samples were collected above the watertable. Lab analysis identified VOCs in excess of soil cleanup objectives in MW-10 (total BTEX at 53220ppb, MTBE less than detection limit). None in MW-11. A groundwater sample was collected from MW-10 & MW-11 on 8/6/04. BTEX and other VOCs were detected in MW-10 (total BTEX 699ppb, 8ppb MTBE). None in MW-11. 7/5/05 4Q04- BTEX from ND(MW-1,6,7,11) to 1966ppb(MW-10). MTBE from ND(MW-1,11) to 16ppb(MW-2). 11/9/05: Reviewed the quarterly report dated 10/7/05. Eleven wells sampled on 5/5/05. No free product. Max BTEX is 3549ppb (MW8), max MTBE is 8ppb(MW2). Fluctuating BTEX concentrations in MW5 and MW8. 11/25/05: Reviewed the third quarter 2005 monitoring report dated 11/1/05. All 11 wells sampled on 8/29/05. No free product present. Max BTEX is 1547ppb(MW8), max MTBE is 8ppb(MW3). Fluctuating BTEX concentrations in some wells. 3/3/06 4Q05 - 11 wells sampled 11/2/05. DTW 15.04-16.87'bgs. BTEX from ND(MW-1,6,7,11) to 1663ppb(MW-5). MTBE from ND(MW-1,5,6,7,8,11) to 10ppb(MW-3). 3/15/06 Reassigned from Foley to Tang.(KMF) 2/25/2010 - Reviewed Drilling Work Plan, dated 9/30/2009, by Delta. Delta proposes to install 12 soil borings to investigate the extent of product and appeared in November 2007 using fuel fluorescence detection (FFD) and membrane interface probe (MIP). NO soil/groundwater samples were proposed. Comments to ARCADIS. DEC requires: 1) collection of soil and groundwater samples from a representative number of soil borings to confirm the results of FFD

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and MIP; 2) drill down 5 feet below the historical low water table. revision of work plan by 3/2010. (RJF) 3Q2009, 11/13/2009, by ARCADIS. The monitoring well network was gauged and sampled on 8/11/2009. 11 wells were gauged. NO LNAPL. DTW 14.18'-17.49' bg. Flows to southwest. 10 wells were sampled. MW-11 was not sampled because it is dry. Max benzene 210 ug/L (MW-8). Max BTEX 5,080 ug/L (MW-4). Max MTBE 17J ug/L (MW-10). 4Q2009, 1/19/2010, by ARCADIS. The monitoring well network was gauged and sampled 11/24/2009. 11 wells were gauged. LNAPL in MW-4, MW-5, MW-8. DTW 17.49'-19.44' bg. Flows to west-southwest. 7 wells were sampled. MW-4 (0.07'), MW-5 (1.31') and MW-8 (0.68') were not sampled because of the product and MW-11 was dry. Max benzene 120 ug/L (MW-10). Max BTEX 6,030 ug/L (MW-2). Max MTBE 5.4 ug/L (MW-10) 4/9/2010 - Reviewed Drilling Work Plan revision, dated 4/6/2010, by ARCADIS. 12 soil borings are proposed using FFD and MIP. 4 soil borings including 2 high and 2 low concentration of petroleum impacts are observed will be selected for confirmatory sampling. 1 groundwater and 2 soil samples will be collected from each soil borings. Comments to ARCADIS requiring 1 soil sample from the highest reading and 1 soil sample from the lowest reading. (RJF) 4/26/2010 - 1Q2010, 4/21/2010, by ARCADIS. Gauged and sampled on 2/9/2010. DTW 17.84-19.82' bg. Flows to west. LNAPL in MW-2 (0.34'), MW-5 (1.4'), MW-8 (0.75'). 4 wells were not sampled including MW-2, MW-5 and MW-8 due to product and MW-11 dry. BTEX range 1.95J ug/L (MW-1) to 2,670 ug/L (MW-4). MTBE ND to 9.9 ug/L (MW-3). 4/29/2010 - Revised Drilling Work Plan, dated 4/26/2010, by ARCADIS. 12 soil borings will be installed using FFD and MIP. 4 soil borings will be picked for confirmatory soil and groundwater sampling. 2 soil samples including 1 from the highest reading and 1 from the lowest reading, and 1 groundwater sample will be collected from each soil boring. The Work Plan is approved. Investigation Report due 7/2010. 10/29/10: This spill case transferred from R. Feng to J. Kolleeny. - JK 01/12/11: Reviewed 2nd & 3rd Quarter 2010 GW Monitoring Rpts by ARCADIS, dated 11/17/10 and 12/17/10 resp. (both rpts in eDocs). Results of well gauging show LNAPL in wells MW-2 (0.36 ft in May 2010, 0.34 ft in Sept. 2010) and MW-A (0.30 ft in Sept. 2010, didn't exist in 2nd qtr 2010). Results of GW sampling show worst dissolved-phase contam in MW-4, with 3,780 ug/L total BTEX in May 2010 and 234 ug/L tBTEX in Aug. 2010; MW-5, with 5,520 ug/L tBTEX in May 2010 and 6,040 ug/L tBTEX in Aug. 2010; MW-8, with 2,730 ug/L tBTEX in May 2010 and 6,770 ug/L tBTEX in Aug. 2010; also, well MW-3 had 1,030 ug/L tBTEX in Aug. 2010, MW-10 had 550 ug/L tBTEX in Aug. 2010, and MW-2 had 4,510 ug/L tBTEX in Aug. 2010. 3rd Quarter 2010 rpt states that monthly well gauging and product recovery and quarterly GW sampling will continue, with next sampling event scheduled for Nov. 2010. - J. Kolleeny 4/11/2011 - Spill transferred back to JFeng. 6/19/2012 - meet with ARCADIS. Submitted the RAP for persulfate injection on 4/23/2012. Need to look at the site history to see the source of contamination. MW-8 has LNAPL history, no detection since quite ago. 7/11/2012 - reviewed the RAP for In-Situ Chemical Oxidation, 4/23/2012, by ARCADIS. They proposed five injection wells will be installed to 22 feet and screen 17-22 feet. 4,000 gallons of Persulfate solution at concentration of 2 by weight sodium persulfate, 0.5 by weight ferrous sulfate heptahydrate and 0.07 by weight citric acid will be injected into each of the injection well. So total of the injecting volume will be 20,000 gallon of solution. They projected a total of 3,310 lbs of sodium persulfate, 830 lbs of ferrous sulfate heptahydrate and 120 lbs of citric acid to be used per injection. Even though they said that a stoichiometric estimate of the mass of persulfate to oxide a mass of

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BTEX is not directly applicable, but they still gave me that 45 lbs of persulfate is required to oxidize 1 lb of BTEX. Work plan is forwarded to Technical Support in Central Office for review. see eDocs under NonFoil folder. 8/10/2012 - Reviewed the response on the comments from Kevin Carpenter, 2Q2012, and history of the site. Presented the case to Raphael Ketani and discussed with him. Raphael agreed to approve the RAP. Approve the RAP for ISCO with some comments: 1) include MW-1, MW-11 and MW-6 into the monitoring well network (to watch the downgradient to the pump islands); 2) gauge the DTW before, during and after the injection; 3) confirmatory soil sampling after the completion of the remedy. Letter to BP/ARCADIS. 10/25/2012 - email from Jessica Kruczek An update for you. We accept the comments, and will implement installation of the wells the week of November 5. We anticipate that injection will begin the week of December 3. The delay has come due to some site owner miscommunication with the client, and we've had to reschedule events initially planned for the middle of September. It appears that the owner is in the process of doing product piping upgrades, and we do not wish to impact their work, nor they impact ours. This schedule meets both objectives. 12/13/2012 - 3Q2012, 10/31/2012, by ARCADIS. The groundwater was on August 20, 2012. DTW 15.09 (MW-3) and 17.20 (MW-1). Flows radially outward from a location near MW-3 and MW-5 at a hydraulic gradient of 0.024 feet per foot. The next sampling will be November 2012. ARCADIS intends to implement sodium persulfate injections, scheduled for early and mid-December 2012. MW-A, 440 BTEX. MW-3, 100 BTEX. MW-8, 130J BTEX. MW-5, 880 BTEX, 11 MTBE. MW-4, 2,200 BTEX. MW-6, 3 BTEX, 23 MTBE. MW-10, 76 BTEX. MW-7, BTEX, 5 MTBE. 8/7/2013 - 4Q2012, 4/4/2013, by ARCADIS. The monitoring was done on 12/14/2012. DTW 15.30 (MW-3) to 17.56 (MW-1). MW-A, 630J BTEX. MW-2, 43J BTEX. MW-3, 130 BTEX. MW-8, 470 BTEX. MW-5, 1,800 BTEX. MW-4, 1,900 BTEX. MW-10, 140 BTEX. MW-6, 16 MTBE. IW-1, 140 BTEX. IW-2, 6,400 BTEX. IW-3, 610 BTEX. IW-4, 4,300 BTEX. IW-5, 3,800 BTEX. Injection wells IW-1 to IW-5 were installed as part of the RAP on 11/26-27/2012. Based on the infrequent occurrence of measurable product at the site, ARCADIS proposes to suspend monthly gauging and LNAPL monitoring and removal. Routine gauging and removal will continue at this site along with the quarterly groundwater sampling. A groundwater monitoring event and injection baseline sampling took place 2/13/2013. 1Q2013, 7/3/2013, by ARCADIS. The monitoring was done on 2/13/2013. DTW 12.50 (MW-3) to 17.42 (MW-1). Flow was indicated to be flowing radially outward from a location near MW-3. MW-A, 590 BTEX. MW-2, 74.6J BTEX. IW-1, 639 BTEX. MW-8, 1,030 BTEX. IW-3, 704 BTEX. MW-1, 18 BTEX. MW-5, 315 BTEX. IW-4, 7,060 BTEX. MW-4, 1,600 BTEX. IW-5, 4,340 BTEX. MW-10, 134 BTEX. MW-6, 23 BTEX, 11 MTBE. 8/21/2013 - met with ARCADIS. The injection wells are in. IW-3, IW-4 and IW-5 show PID at 1 foot below water table. The injections have not been done yet. The groundwater BTEX concentration is less than 1,000ppb. Will check the MW-3 installation. MW-3 is the odd well in the groundwater flow contour. If MW-3 is a viable well, then the downgradient of groundwater sample is required. 7/29/104 - Discussed with J. Vought. Need to have Rose Diagram for groundwater flow to better assess the product plume. 7/31/2014 - Conference call with ARCADIS. MW-3 is an outlier. Flows toward MW-1 and MW-11 without MW-3. Some soil borings to be installed across Coney Island Ave. 6/1/2015 - Reviewed spill history and discussed with J. Vought previously regarding spill closure. As per J. Vought, Spill is closed based on: 1) Sufficient investigation has been done to delineate the soil impacts. In the outer bound monitoring wells (MW-1, MW-6, MW-7, MW-9, MW-11 and the recent temporary soil boring across Coney Island

Map ID  
Direction  
Distance  
Elevation

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Site

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Ave) installation, soil sampling showed only minor soil impacts. These data suggest that soil impacts have been contained within the site. 2) Sufficient investigation has been done to delineate the groundwater contamination. Monitoring wells, MW-1, MW-6, MW-7, MW-9, MW-11 show years of monitoring data of very minimal or non-detected BTEX and MTBE concentration. The recent temporary soil boring across Coney Island Ave show no detection of VOCs. These data indicated that the groundwater contamination has not migrated, stable and contained within the site. 3) The monitoring data shows overall downward trend with stable or within reasonable water elevation fluctuation except MW-3 and without implementing the remedy suggested that possible natural attenuation has been occurred and the residual impacts have discontinued sourcing to the groundwater. The latest groundwater concentration is within the natural attenuation range. 4) The site will be remained as an active gasoline service station. NYSDEC is not aware of any change of the site use at this time. 5) Inclusion of remaining contamination language in the spill closure letter in case site is redeveloped. Spill is closed. Spill closure letter to BP/ARCADIS. 10/6/2015 - Monitoring Well Decommissioning Report, 6/17/2015. 6/4-11/2015, 12 monitoring wells and 5 injection wells were decommissioned. "

Remarks: "IMPACTED SOIL & GROUND WATER ENCOUNTERED DURING INVESTIGATION"

All Materials:

Site ID: 131553

Operable Unit ID: 846674

Operable Unit: 01

Material ID: 2099356

Material Code: 2645A

Material Name: BTEX

Case No.: Not reported

Material FA: Oxygenates

Quantity: Not reported

Units: Not reported

Recovered: Not reported

Oxygenate: True

Site ID: 131553

Operable Unit ID: 846674

Operable Unit: 01

Material ID: 2099355

Material Code: 1213A

Material Name: MTBE (methyl-tert-butyl ether)

Case No.: 01634044

Material FA: Hazardous Material

Quantity: Not reported

Units: Not reported

Recovered: Not reported

Oxygenate: True

Site ID: 131553

Operable Unit ID: 846674

Operable Unit: 01

Material ID: 530530

Material Code: 0009

Material Name: gasoline

Case No.: Not reported

Material FA: Petroleum

Quantity: .00

Units: G

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

Recovered: .00  
Oxygenate: True